

Figure 1

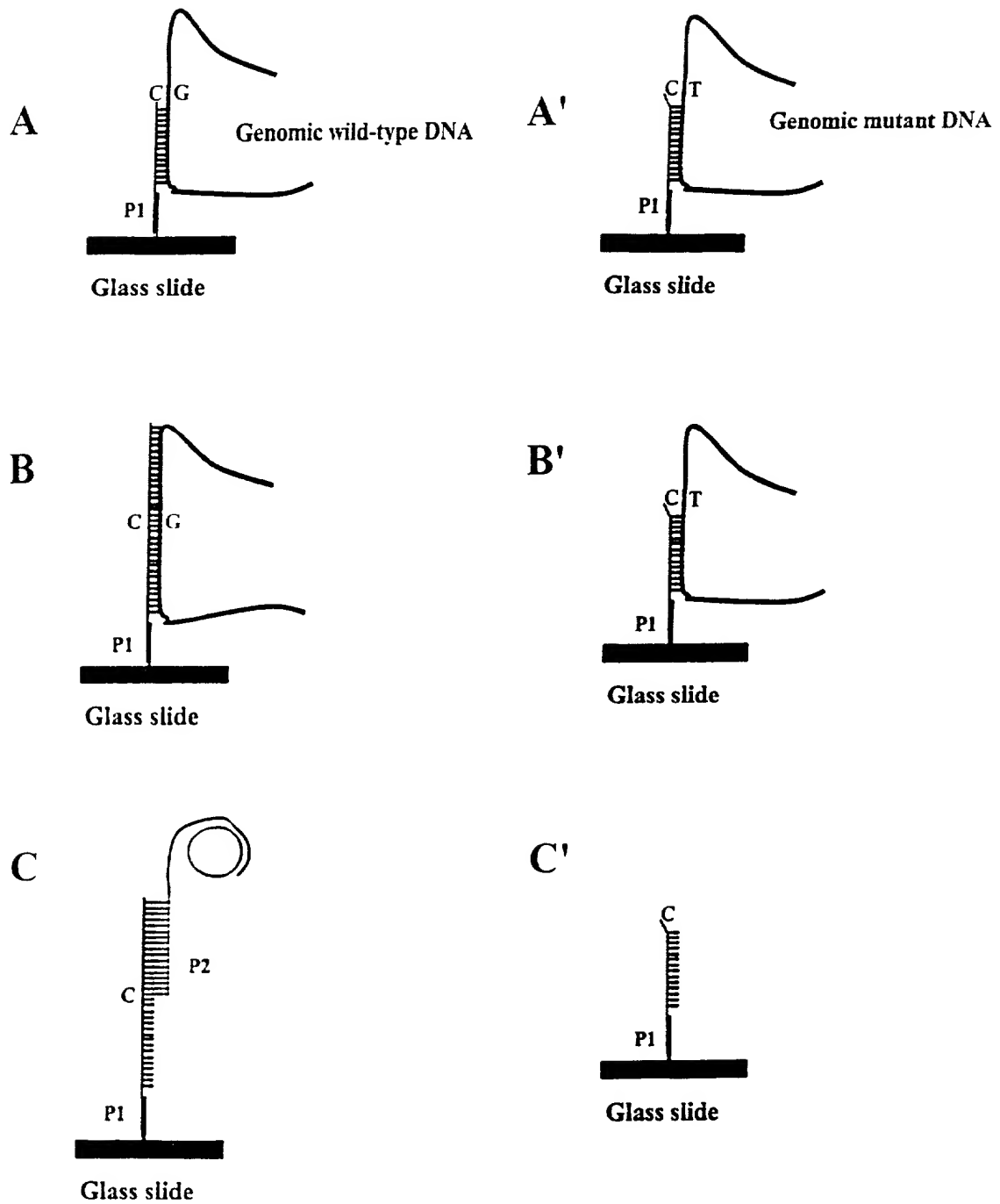
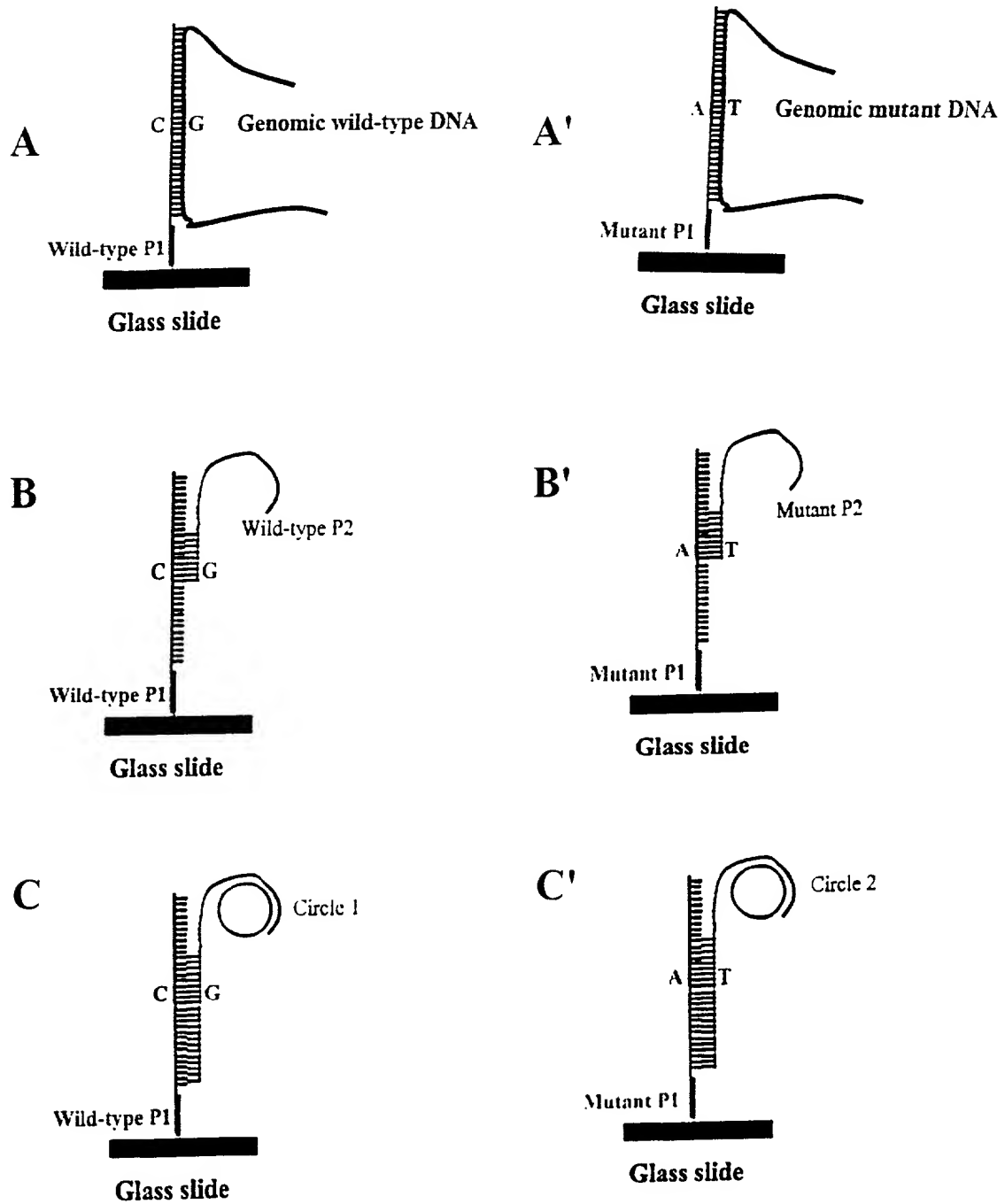


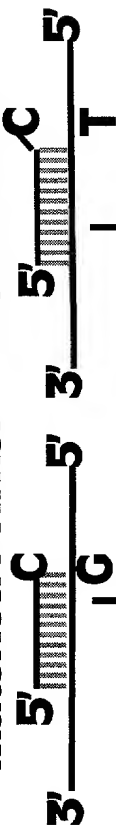
Figure 2



Primer Extension by Sequenase in the presence of genomic DNA

Fig 3

Matched Primer Mismatched Primer (-1)



NE 0 0.25 0.5 1 NE 0 0.25 0.5 1 μg Genomic DNA

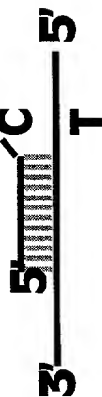
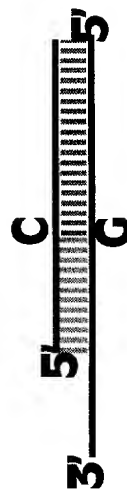
59 bp run-off product \rightarrow



Primer extension

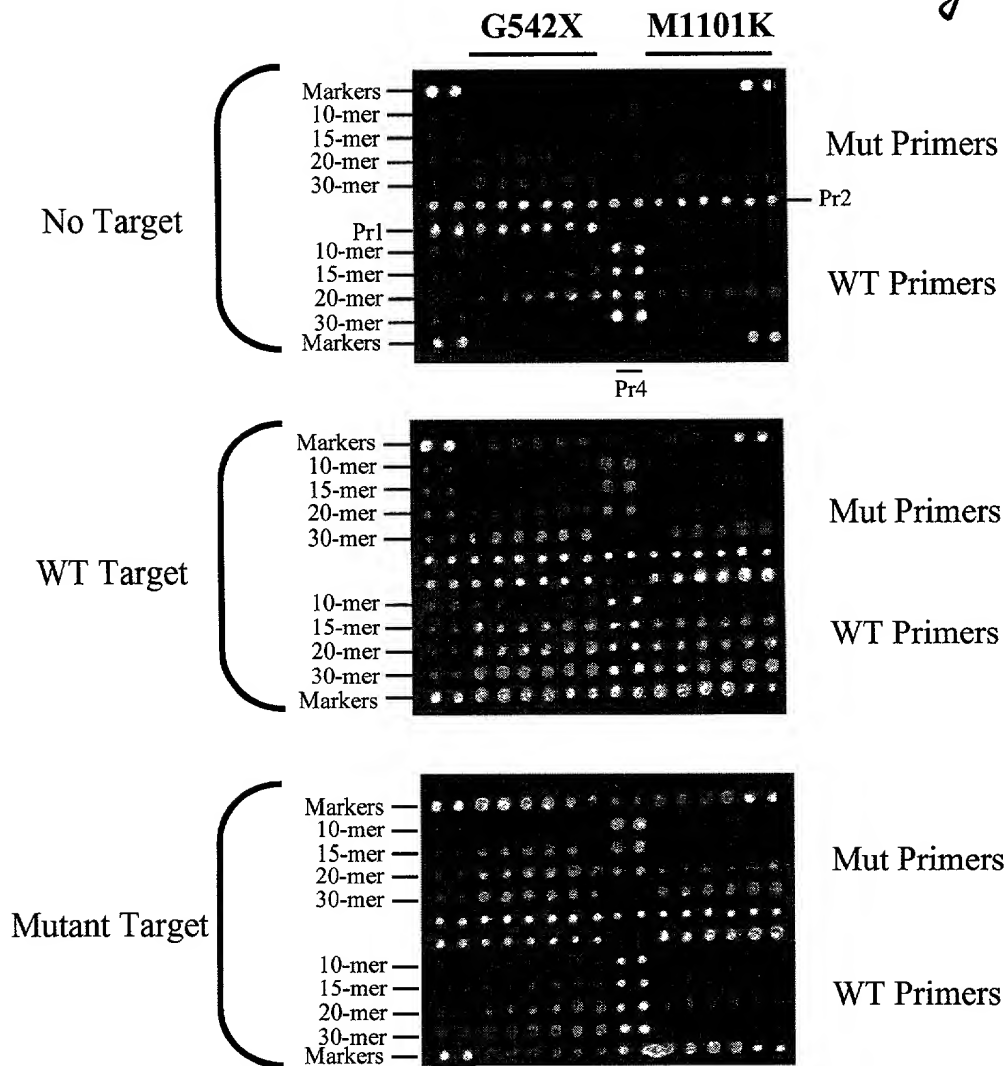
No primer extension

23 bp primer



Discrimination >400:1

Fig. 4



Allele Discrimination Factor

		G542X	M1101K
WT Target	15-mer	178	50
	20-mer	19	42
	30-mer	2.4	5.3
Mutant Target	15-mer	21	weak signal
	20-mer	8.1	55
	30-mer	1.5	30